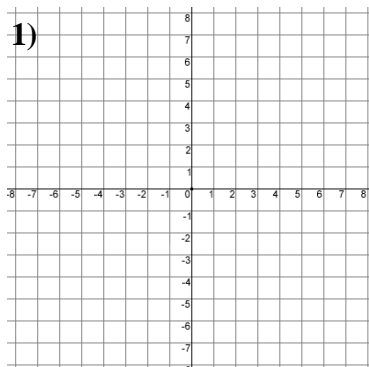


# "What do mechanics charge to fix tires?"

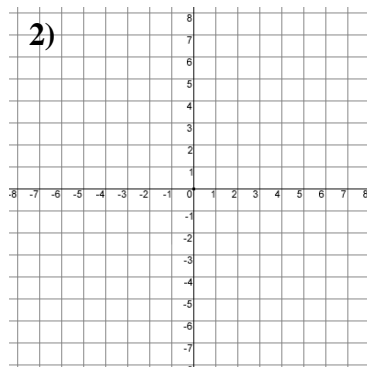
Solve the systems of equations by graphing.

The answer to each problem will match a letter that will allow you to figure out the joke.

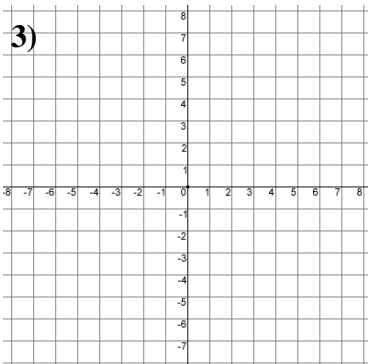
1.  $y = -3$   
 $y = -2x + 1$



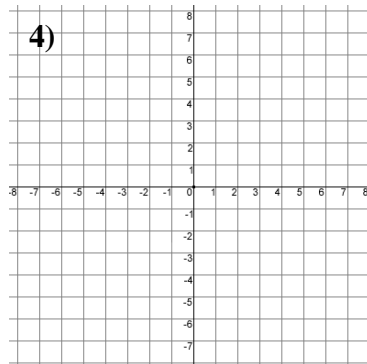
2.  $y = 2x + 7$   
 $x = -3$



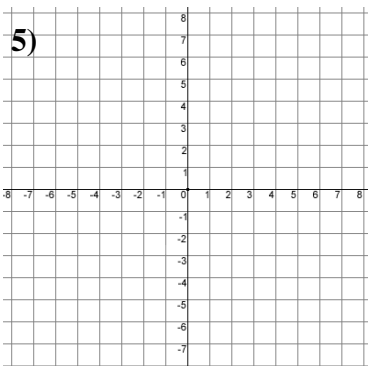
3.  $y = x + 3$   
 $y = 2x$



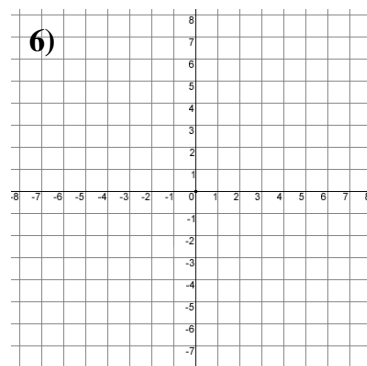
4.  $y = -x + 2$   
 $y = 3x - 2$



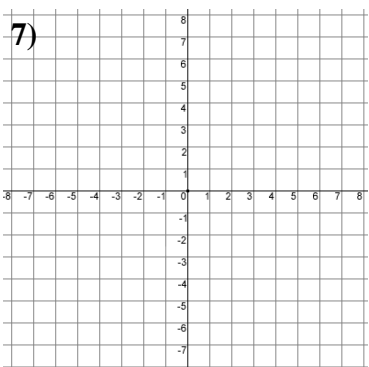
5.  $y = x - 4$   
 $y = -x$



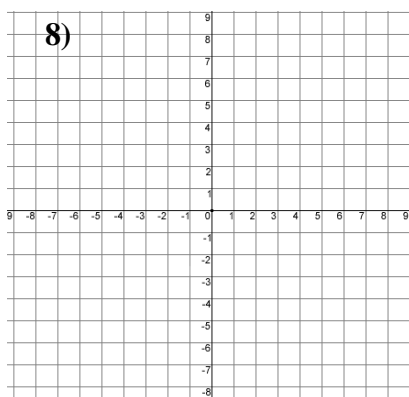
6.  $3x + 2y = 6$   
 $x + 3y = 9$



7.  $2x - 5y = -1$   
 $3x - 4y = 2$



8.  $-2x + y = -9$   
 $x - 3y = 2$



A. (2,-2)

D. (3,3)

T. (-3,1)

I. (4,-2)

R. (2,1)

E. (1,1)

N. (2,0)

W. (0,0)

F. (5,1)

A. (2,-3)

M. (2,-5)

L (0,3)

J. (5,5)

T. (3,6)

Y. (-8,4)

1

8

6

5

3

7

5

2

4